



ENGINEERED
TO MAKE YOU

smile

WORKBOOK 2022

MTB | ROAD | TOUR | CITY | CARGO | FAT
E-BIKE SYSTEMS

POWER YOUR LIFE

BAFANG



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BOOST YOUR RIDE

UPDATE 2021 THE ULTRA STRONG M510 MID MOTOR SYSTEM.



M510 is an overturning upgrade of the eMTB performance motor. Comparing with the last generation, the max torque of M510 remains 95N.m, but the weight is reduced by 18% while the max power output is increased by 20%. Max cadence support is extended up to 120RPM. Thanks to our smart control system, smooth start-up, powerful acceleration and continuous max power output of more than 15 minutes are ensured for hard-core climbing.



M510
250W, 25km/h
light weight < 3kg
BAFANG standard Shaft
95N.m (Max)



DP C241
Easy to operate
2" LCD screen
Bluetooth integrated
USB charge port



BT F012
Full integrated
Smart BMS
615Wh

AUTOMATIC DUAL SPEED

NEW BUILT-IN H700 AUTOMATIC DUAL SPEED REAR DRIVE SYSTEM.



The H700 rear motor is integrated with the automatic dual speed system. The motor automatically adjusts the gearbox ratio by detecting the speed of the vehicle during cycling. While the H700's 250W rated power that meets legal requirements, with 32Nm of torque, it can easily ensure a strong performance for riders in daily commuting and leisure use.



H700
250W, 25km/h
Auto dual speed shift
Chain/belt optional
32N.m (Max)



DP E171
One button display
Integrated on frame
Bluetooth optional



BT F014
Intube
Smart BMS
410Wh



DRIVE SYSTEMS FOR eMTB

eMTB

Powerful yet quiet, the motor delivers satisfying flow whether you're climbing or descending. Its maximum assistance of up to 120Nm takes the sting out of any ascent and puts a smile on any rider's face.

M510 | PERFORMANCE

➤ PAGE 18



- M510**
250W, 25km/h
light weight < 3kg
BAFANG standard Shaft
95N.m (Max)
- DP C241**
Easy to operate
2" LCD screen
Bluetooth integrated
USB charge port
- BT F012**
Full integrated
Smart BMS
615Wh

M600 | SPEED

➤ PAGE 18



- M600**
500W, 45km/h
light weight < 3.9kg
BAFANG standard Shaft
120N.m (Max)
- DP C241**
Easy to operate
2" LCD screen
Bluetooth integrated
USB charge port
- BT F04**
Full integrated
Smart BMS
600Wh

M410 | SPORTFUL

➤ PAGE 19



- M410**
250W, 25km/h
light weight < 3.4kg
JIS standard Shaft
80N.m (Max)
- DP C221**
Easy to operate
2" LCD screen
- BT F011**
Full integrated
Smart BMS
410Wh

MOTOR

MID MOTOR	➤ 18
M600	
M510	
M410	
REAR MOTOR	➤ 23
H640	
H610	
H400B	

COMPATIBLE COMPONENTS

HMI	➤ 27
DP C241.CAN	
DP C221.CAN	
DP C191.CAN	
DP E161.CAN	
BATTERY	➤ 31
BT F012.615.C	
BT F011.410.C	
BT F08.600.C	
BT F07.450.C	
BT F04.600.C	
BT F03.450.C	
SENSOR	➤ 34
SR PA211.32.ST.C	
SR SD021.01	
SR SD051.02	
CONTROLLER	➤ 37
CR S107.1000.FC	
CR S106.500.FC	
CR X10S.500.FC	



DRIVE SYSTEMS FOR eROAD/GRAVEL

eRoad/Gravel

Compact, lightweight and barely noticeable – for many riders this describes their perfect solution. With its M800 drive system Bafang has developed a milestone product in the eRoad sector.

MOTOR	MID MOTOR M800	↗ 18
	REAR MOTOR H600	↗ 25
COMPATIBLE COMPONENTS	HMI DP C263.CAN DP E171.CAN DP E161.CAN	↗ 27
	BATTERY BT F011.410.C BT F014.410.C	↗ 31
	SENSOR SR PA211.32.ST.C SR SD021.01 SR SD051.02	↗ 34
	CONTROLLER CR S105.250.FC	↗ 37

M800 | PROFESSION

↗ PAGE 18

-  **M800**
200W, 25-45km/h
light weight < 2.3kg
BAFANG standard Shaft
55N.m (Max)
-  **DP C263**
Color display
Easy to operate
2 Button options
-  **BT F011**
Full integrated-slim
Smart BMS
410Wh



H600 | SPORTIVE URBAN

↗ PAGE 25

-  **H600**
250W, 25km/h
light weight < 2.0kg
30N.m (Max)
-  **DP E161**
Easy to operate
Bluetooth integrated
-  **BT F011**
Full integrated
Smart BMS
410Wh





DRIVE SYSTEMS
FOR eTOUR

eTour

The journey is the goal. Extended tours, even over several days, are no longer any problem. With an eTouring bike you'll enjoy the powerful support of a Bafang motor and extend your range significantly thanks to the long-lasting battery.

H610 | TRAVEL
➤ PAGE 24



- H610**
350W, 25km/h
light weight < 4.5kg
65N.m (Max)
- DP C191**
Color display
Easy to operate
3.5" LCD screen
- BT F08**
Semi-integrated
Smart BMS
600Wh

M420 | TREKKING
➤ PAGE 19



- M420**
250W, 25km/h
light weight < 3.6kg
BAFANG standard Axle
80N.m (Max)
- DP C271**
Color display
Bluetooth integrated
2 UI options/6 language options
- BT F012**
Full integrated
Smart BMS
615Wh

H400B | LEISURE
➤ PAGE 26



- H400B**
25km/h
45N.m (Max)
- DP C221**
Easy to operate
2" LCD screen
Bluetooth integrated
- BT F07**
Semi-integrated
Smart BMS
450Wh

MOTOR	MID MOTOR	➤ 18
	M420	
	M200	
	FRONT MOTOR	➤ 22
	H410	
	REAR MOTOR	➤ 24
	H610	
	H400B	

COMPATIBLE COMPONENTS	HMI	➤ 27
	DP C271.CAN	
	DP C251.CAN	
	DP C221.CAN	
	DP C191.CAN	
	DP E160.CAN	
	BATTERY	➤ 31
	BT F012.615.C	
	BT F011.410.C	
	BT F08.600.C	
	BT F07.450.C	
	BT C01.750.UC	
	BT C01.560.UC	
	SENSOR	➤ 34
	SR PA211.32.ST.C	
	SR PA162.32.S	
	SR SD021.01	
	CONTROLLER	➤ 37
	CR S105.250.FC	
	CR S10F.350.FC	
	CR X10S.500.FC	



DRIVE SYSTEMS
FOR eCITY

eCity

The Future of Urban Mobility: It's already happening today, away from noisy cars and congested roads. The future belongs to the eBike. Quiet, light, efficient and as individual as your lifestyle.

H700 | CLEAN
➤ PAGE 24



- **H700**
250W, 25km/h
Auto dual speed shift
Chain/belt optional
32N.m (Max)
- **DP E171**
One button display
Integrated on frame
Bluetooth optional
- **BT F014**
Intube
Smart BMS
410Wh

H410 | ECO
➤ PAGE 22



- **H410**
250W, 25km/h
light weight < 2.0kg
30N.m (Max)
- **DP C250**
Easy to operate
3.4" LCD screen
- **BT C01**
Racktype
Smart BMS
450Wh

M200 | COMFORT
➤ PAGE 20



- **M200**
250W, 25km/h
65N.m (Max)
- **DP C271**
Color display
Bluetooth integrated
2 UI options/6 language options
- **BT F011**
Full integrated
Smart BMS
410Wh

MOTOR	MID MOTOR	➤ 18
	M420	
	M200	
	FRONT MOTOR	➤ 22
	H600	
	H410	
	REAR MOTOR	➤ 24
	H700	
	H510	
COMPATIBLE COMPONENTS	H410	
	H400B	
	HMI	➤ 27
	DP C271.CAN	
	DP C251.CAN	
	DP C221.CAN	
	DP E171.CAN	
	DP E160.CAN	
	BATTERY	➤ 31
	BT F014.410.C	
	BT F011.410.C	
	BT F07.450.C	
	BT C01.450.UC	
	SENSOR	➤ 34
	SR PA211.32.ST.C	
	SR PA162.32.S	
	SR SD021.01	
	CONTROLLER	➤ 37
	CR S105.250.FC	
	CR S10F.350.FC	
	CR X10S.500.FC	



DRIVE SYSTEMS FOR eCARGO

eCargo

Combining impressive performance with quiet operation, the motor provides powerful assistance up to 160Nm, making for the most manageable eCargo bike journeys.

MOTOR	MID MOTOR	↗ 18
	M620	
	M420	
	M410	
	REAR MOTOR	↗ 23
	H550W	
	H610	
	H550	
COMPATIBLE COMPONENTS	HMI	↗ 27
	DP C270.CAN	
	DP C250.CAN	
	DP C191.CAN	
	BATTERY	↗ 31
	BT F25.820.C	
	BT F08.600.C	
	SENSOR	↗ 34
	SR PA211.32.ST.C	
	SR SD021.01	
	CONTROLLER	↗ 37
	CR S107.1000.FC	
	CR S106.500.FC	
	CR X10S.500.FC	

M620 | COMMERCIAL

↗ PAGE 18

- **M620**
750/1000W
light weight < 5.3kg
ISIS standard Axle
160N.m (Max)
- **DP C270**
Color display
Easy to operate
USB charge port
- **BT F25**
Full integrated
Smart BMS
640/820Wh



H610 | PRIVATE

↗ PAGE 24

- **H610**
25km/h,32km/h
65N.m (Max)
- **DP C191**
Color display
Easy to operate
3.5" LCD screen
- **BT F08**
Semi-integrated
Smart BMS
600Wh





DRIVE SYSTEMS FOR eFAT

eFAT

Rough terrain with dirt, sand or snow: maximum traction is essential here. The combination of fat tyres and a powerful Bafang engine meets the requirements perfectly. For unforgettable adventures that you would never have experienced with muscle power alone.

MOTOR

MID MOTOR ↗ 18
M620
M600
M510

REAR MOTOR ↗ 23
H550W
H550

COMPATIBLE COMPONENTS

HMI ↗ 27
DP C271.CAN
DP C251.CAN
DP C191.CAN

BATTERY ↗ 31
BT F25.820.C
BT F08.600.C

CONTROLLER ↗ 37
CR S107.1000.FC
CR S106.500.FC
CR X10S.500.FC

H550 | STABLE

↗ PAGE 25

-  **H550**
750/1000W
light weight < 4.1kg
85N.m (Max)
-  **DP C191**
Color display
Easy to operate
3.5" LCD screen
-  **BT F25**
Full integrated
Smart BMS
640/820Wh



H550W | EFFICIENT

↗ PAGE 23

-  **H550W**
750/1000W
light weight < 8kg
80N.m (Max)
-  **DP C250**
Easy to operate
3.4" LCD screen
-  **BT F25**
Full integrated
Smart BMS
640/820Wh



MOTORS



	M800	M620	M600	M510
Position	Mid Motor	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G530.200.C	MM G510.750.C MM G510.1000.C	MM G521.500.C	MM G522.250.C
Usage *	eRoad/Gravel	eSpeed, eCargo, eFat	eSpeed, eMTB, eCargo	eMTB
Components *				
HMI	DP C263.CAN	DP C270.CAN	DP C241.CAN	DP C241.CAN
Battery	BT F011.410.C	BT F25.820.C	BT F04.600.C	BT F011.410.C
Dimensions/ Size				
A (mm)	170.8	235	197	197
B (mm)	90	138	125	125
C (mm)	44	53	44	44
D (mm)	144.6	150	154.8	154.8
Core Data				
Wheel Size (Inch)	20-29	20-29	20-29	20-29
Wheel Circumference (mm)	1400-2400	1400-2400	1400-2400	1400-2400
Nominal Voltage (Vdc)	36 / 43	48 / 52	36 / 43 / 48	36 / 43 / 48
Rated Power (W)	200	750 , 1000	500	250
nT (Rpm)	120	140 / 180	110 / 115 / 115	122
Max Torque (N.m)	55	160	120	95
Pedal Sensor	Speed & Torque Integrated	Speed & Torque Integrated	Speed & Torque Integrated	Speed & Torque Integrated
Shaft Standard	BAFANG	ISIS	BAFANG	BAFANG
Color	Black	Black	Black	Black
Weight (kg)	2.3	5.3	3.9	3
Function				
E-Brake	Optional	Optional	Optional	Optional
Light Drive Capacity (Vdc/W)	6/3(max)	12/12(max)	12/6(max)	12/6(max)
Certifications	CE / EN 14766 / ROHS	CE / EN 14766 / ROHS	CE / EN 14766 / ROHS	CE / EN 14766 / ROHS

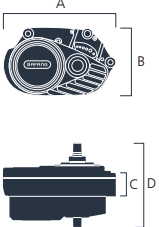
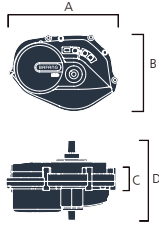
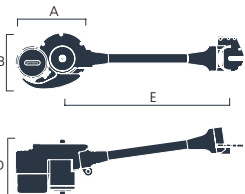
MOTORS



	M420	M410	M400
Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G332.250.C	MM G333.250.C	MM G330.250.C
Usage *	eCity, eTour	eMTB, eCargo	eCity, eTour, eCargo
Components *			
HMI	DP C271.CAN	DP C221.CAN	DP C07.CAN
Battery	BT C07.450.C BT F012.615.C	BT F011.410.C	BT C01.450.UC BT F07.450.C
Dimensions/ Size			
A (mm)	202	197	232
B (mm)	123	125	145
C (mm)	41.5	44	35.8
D (mm)	154.8	153	150
Core Data			
Wheel Size (Inch)	20-29	20-29	20-29
Wheel Circumference (mm)	1400-2400	1400-2400	1400-2400
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48
Rated Power (W)	250	250	250
nT (Rpm)	92 / 104 / 103	120	92 / 101 / 103
Max Torque (N.m)	80	80	80
Pedal Sensor	Speed & Torque Integrated	Speed & Torque Integrated	Speed & Torque Integrated
Shaft Standard	BAFANG	JIS	JIS
Color	Black	Black	Black / Silver
Weight (kg)	3.6	3.4	3.9
Function			
E-Brake	Optional	Optional	Optional
Light Drive Capacity (Vdc/W)	6/3(max)	12/6(max)	6/3(max)
Certifications	CE / EN 14766 / ROHS	CE / EN 14766 / ROHS	CE / EN 14764 / ROHS

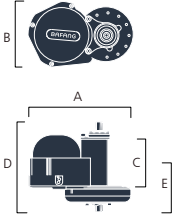
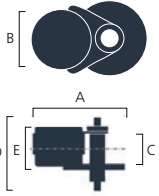
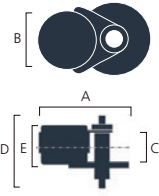
MOTORS



	M300	M200	M445
Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G360.250.C	MM G210.250.C	MM G380.250.C
Usage *	eCity	eCity, eTour	eCity
Components *			
HMI	DP E10.CAN	DP C271.CAN	DP E08.CAN
Battery	BT C01.450.UC BT F07.450.C	BT F011.410.C	BT C01.450.UC
Dimensions/Size			
A (mm)	200	206	182
B (mm)	121	145	140
C (mm)	41.5	43.2	–
D (mm)	150	150	150
E (mm)	–	–	385 / 420 / 440 / 460
Core Data			
Wheel Size (Inch)	20-29	20-29	20 / 24 / 26 / 28
Wheel Circumference (mm)	1400-2400	1400-2400	1400-2400
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43	36 / 43
Rated Power (W)	250	250	250
nT (Rpm)	92 / 101 / 103	82 / 86	220 / 230
Max Torque (N.m)	80	65	50
Pedal Sensor	Speed	Speed & Torque Integrated	Speed & Torque Integrated
Shaft Standard	JIS	JIS	JIS
Color	Black	Black	Black / Silver
Weight (kg)	3.6	3.2	5
Function			
E-Brake	Optional	Optional	Optional
Light Drive Capacity (Vdc/W)	6/3(max)	12/6(max)	6/3(max)
Certifications	CE / EN 14764 / ROHS	CE / EN 14764 / ROHS	CE / EN 14764 / ROHS

MOTORS



	M615	M315	M215
Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G320.750.C MM G320.1000.C	MM G340.500.C	MM G340.250.C MM G340.350.C
Usage *	eSpeed, eCargo	eCity, eTour	eCity, eTour
Components *			
HMI	DP C190.CAN	DP C10.CAN	DP C10.CAN
Battery	BT F08.600.C	BT F07.450.C	BT C01.450.UC
Dimensions/Size			
A (mm)	215	200	200
B (mm)	123	112	112
C (mm)	68 / 73 / 83 / 90 / 100 / 110 / 120	68	68
D (mm)	175 / 175 / 175 / 180 / 190 / 200 / 210	159	159
E (mm)	88 / 90 / 96 / 99 / 103 / 108 / 113	93.5	87.5
Core Data			
Wheel Size (Inch)	20-29	20-29	20-29
Wheel Circumference (mm)	1400-2400	1400-2400	1400-2400
Nominal Voltage (Vdc)	48	36 / 48	36 / 48
Rated Power (W)	750 , 1000	500	250 , 350
nT (Rpm)	140 / 125	113 / 118	78 / 75
Max Torque (N.m)	160	100	80
Pedal Sensor	Speed	Speed	Speed
Shaft Standard	JIS	JIS	JIS
Color	Black	Black	Black
Weight (kg)	5.6	4.3	3.8
Function			
E-Brake	Optional	Optional	Optional
Light Drive Capacity (Vdc/W)	6/3(max)	6/3(max)	6/3(max)
Certifications	CE / EN 14764 / ROHS	CE / EN 14764 / ROHS	CE / EN 14764 / ROHS

MOTORS



	H600	H410	H400
Position	Front Motor	Front Motor	Front Motor
Model No.	FM G370.250.D/V	FM G351.250.D	FM G312.250.D/V
Usage *	eCity	eCity	eCity
Size			
A (mm)	45	41.2	37
B (mm)	91	114	121
C (mm)	44 , –	44	44 , –
D (mm)	4.5	5.4	4
E (mm)	10.5 , 12	10.5	10.5
F (mm)	2.6	6.25	4.7
OLD (mm)	100	101	100
Core Data			
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	26 / 700C / 28
Wheel Circumference (mm)	1900-2250	1900-2250	1900-2250
Nominal Voltage (Vdc)	36 / 43	36 / 43	36 / 43
Rated Power (W)	250	250	250
Max Speed (km/h)	25 / 32	25 / 32	25 / 32
Max Torque (N.m)	30	30	45
Color	Black / Silver	Black / Silver	Black / Silver
Weight (kg)	1.7	2.2	2.4
Mounting Parameters			
Brake	Disc-Brake , V-Brake	Disc-Brake	Disc-Brake , V--Brake
Cabling Route	Shaft Side_Left	Shaft Side_Right	Shaft Side_Right
Cable Length(mm), Connection Type	250 G9.1	250 G9.1	250 G9.1
Spoke Specification	36H*13G	36H*13G	36H*13G
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS / CE		

MOTORS



	H400B	H400B
Position	Front Motor	Front Motor
Model No.	FM G020.250.DM FM G020.350.DM	FM G020.250.D
Usage *	eCity	eCity
Size		
A (mm)	41	42.5
B (mm)	145	145
C (mm)	108	44
D (mm)	1	8.2
E (mm)	–	10.5
F (mm)	9.6	10
OLD (mm)	108	100
Core Data		
Wheel Size (Inch)	20 / 26 / 700C / 28 / 29	20 / 26 / 700C / 28 / 29
Wheel Circumference (mm)	1400-2330	1400-2330
Nominal Voltage (Vdc)	36 / 48	36 / 48
Rated Power (W)	250 , 350	250
Max Speed (km/h)	25 / 32	25 / 32
Max Torque (N.m)	45	45
Color	Black / Silver	Black / Silver
Weight (kg)	3.8	3.4
Mounting Parameters		
Brake	Drum-Brake	Disc-Brake
Cabling Route	Shaft Side_Right	Shaft Side_Right
Cable Length (mm), Connection Type	250 G9.1	250 G9.1
Spoke Specification	36H*13G / 36H*12G	36H*13G
Tests & Certifications	IP level: IP X5 Certifications: ROHS / CE	

	H550W
Position	Rear Motor
Model No.	RM G0F2.750.D/DC RM G0F2.1000.D/DC
Usage *	eFat, eCargo
Size	
A (mm)	76.6
B (mm)	422
C (mm)	44
D (mm)	6.3
E (mm)	15.25
F (mm)	50.8
OLD (mm)	175
Core Data	
Wheel Size (Inch)	20 (Tire 4.0")
Wheel Circumference (mm)	1856
Nominal Voltage (Vdc)	48 , 52
Rated Power (W)	750 , 1000
Max Speed (km/h)	45 , 45
Max Torque (N.m)	80
Color	Black
Weight (kg)	8
Mounting Parameters	
Brake	Disc-Brake
Cabling Route	Shaft Side_Left
Cable Length (mm), Connection Type	250 G11.6
Spoke Specification	–
Tests & Certifications	IP level: IP X5 Certifications: ROHS / CE

MOTORS



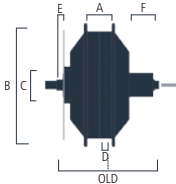
	H700	H640	H640	H610
Position	Rear Motor	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G01A2.250.D	RM G0HS.1000.DC	RM G0H0.750.D/DC RM G0H0.1000.D/DC	RM G070.350.D RM G070.500.D
Usage *	eCity	eMTB	eMTB	eMTB, eSpeed, eCargo
Size				
A (mm)	42	32	32	35.5
B (mm)	126	183	183	168
C (mm)	44	44	44	44
D (mm)	0	6.75	6.75	4.75
E (mm)	15.25	15.25	15.25	14.5
F (mm)	–	40.75	40.75	42
OLD (mm)	135	138	138	137
Core Data				
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	26 / 700C / 28	20 / 26 / 700C / 28
Wheel Circumference (mm)	1910-2250	1910-2250	1910-2250	1589-2330
Nominal Voltage (Vdc)	36 / 43	43 / 48 / 52	43 / 48 / 52	36 / 43 / 48
Rated Power (W)	250	750 , 1000	750 , 1000	350 , 500
Max Speed (km/h)	25 / 32	45-56	45-56	25-40
Max Torque (N.m)	32	70	70	65
Color	Black	Black	Black	Black / Silver
Weight (kg)	3.2	5.5	5.5	4.5
Mounting Parameters				
Brake	Disc-Brake	Disc-Brake	Disc-Brake	Disc-Brake
Cabling Route	Shaft Side_Left	Shaft Side_Left	Shaft Side_Left	Through Shaft_Right
Cable Length (mm), Connection Type	250 G9.1	250 G11.4	250 G11.4	250 G9.1
Spoke Specification	36H*13G	36H*12G	36H*12G	36H*12G
Special Function	Automatic Dual Speed	Cadence (12 pulses/cycle)	–	–
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS / CE			

MOTORS

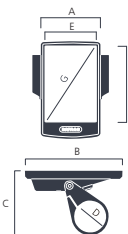
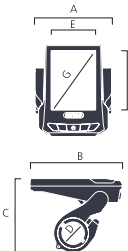
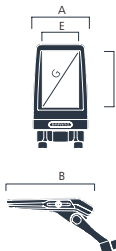
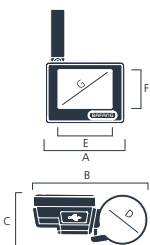


	H600	H550	H510	H410
Position	Rear Motor	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G370.250.DC	RM G062.750.D/DC RM G062.1000.D/DC	RM G383.220.D RM G380.220.D	RM G385.250.D
Usage *	eRoad, eCity	eFAT, eCargo	eCity	eCity
Size				
A (mm)	44	68	41	40
B (mm)	93	145	114	108
C (mm)	44	44	44	44
D (mm)	7.25	3.8	0	1
E (mm)	15.25	15.25	15.25	15.25
F (mm)	39.5	39.7	16.95 , 17.45	19.4
OLD (mm)	145	175	120	122
Core Data				
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	16 / 20	26 / 700C / 28
Wheel Circumference (mm)	1910-2250	1910-2250	1150-1650	1910-2250
Nominal Voltage (Vdc)	36 / 43	48 / 52	36 / 43	36 / 43
Rated Power (W)	250	750 , 1000	220	250
Max Speed (km/h)	25 / 32	45-56	25	25 / 32
Max Torque (N.m)	30	80	28	35
Color	Black	Black / Silver	Black / Silver	Black
Weight (kg)	2.0	4.9	2.4	2.4
Mounting Parameters				
Brake	Disc-Brake	Disc-Brake	Disc-Brake	Disc-Brake
Cabling Route	Shaft Side_Left	Shaft Side_Left	Shaft Side_Left	Shaft Side_Left
Cable Length (mm), Connection Type	250 G9.1	250 G10.3	250 G9.1	250 G9.1
Spoke Specification	36H*13G	36H*12G	28H*13G	36H*13G
Special Function	–	–	Gear (9T / 9T-13T-17T)	–
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS / CE			

MOTORS

			
	H400B	H310	H300
Position	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G020.250.D/DC RM G020.350.D/DC	RM G050.250.D	RM G010.250.D
Usage *	eCity, eTour, eMTB	eCity	eTour
Size			
A (mm)	42.5	35	43
B (mm)	145	93	122
C (mm)	44	44	44
D (mm)	5.6	3.5	5.5
E (mm)	15.25	15.25	15.25
F (mm)	41.8	14.15	38
OLD (mm)	138	113	135
Core Data			
Wheel Size (Inch)	20 / 26 / 700C / 28	16 / 20	20 / 26 / 700C / 28
Wheel Circumference (mm)	1400-2330	1150-1650	1400-2330
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43	36 / 43
Rated Power (W)	250 , 350	250	250
Max Speed (km/h)	25 / 32	25	25 / 32
Max Torque (N.m)	45	28	32
Color	Black / Silver	Black	Black / Silver
Weight (kg)	3.3	1.9	3.0
Mounting Parameters			
Brake	Disc Brake	Disc Brake	Disc Brake
Cabling Route	Through Shaft_Right	Shaft Side_Right	Through Shaft_Right
Cable Length (mm), Connection Type	250 G9.1	250 G9.1	250 G9.1
Spoke Specification	36H*13G / 36H*12G	36H*13G	36H*13G
Special Function	-	Gear (13T)	-
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS / CE		

HMI

				
Model No.	DP C190.CAN DP C191.CAN	DP C270.CAN DP C271.CAN	DP C262.CAN DP C263.CAN	DP C240.CAN DP C241.CAN
Dimensions/ Size				
A (mm)	59.2	76	50.3	57.2
B (mm)	96.6	90.3	79.2	81
C (mm)	66	51 - 84.5	—	36
D (mm)	Ø 31.8	Ø 22.2 / 25.4 / 31.8	—	Ø 22.2 / 25.4 / 31.8
E (mm)	47.4	43.2	37.5	39
F (mm)	72	57.6	49.7	25.4
G (mm)	3.5"	2.8"	2.4"	2"
Core Data				
Display Type	TFT	TFT	TFT	LCD Matrix
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48 / 52	36 / 43 / 48 / 52	36 / 43 / 48 / 52
Support Modes	0-3 / 0-5 / 0-9	0-5	0-5	0-3 / 0-5 / 0-9
Mounting Parameters				
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	0 G5.4	230 G5.4 / 850 G5.4	0 G5.4
Control Unit Cable (mm)	300 / 250	300 / 250	380 / 250	300 / 350
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto	Auto	Auto	Auto
Walk Assistance	●	●	●	●
Bluetooth 5.0	✕ ●	✕ ●	✕ ●	✕ ●
USB Charge	5V 500mA	5V 500mA	✕	5V 500mA
Clock	●	●	✕	✕
Setting	●	●	●	●
Indications				
Speed	●	●	●	●
Trip Distance	●	●	●	●
Capacity	●	●	●	●
Error Code	●	●	●	●
Power	●	●	●	●
UI Options	Fashion	Fashion / Sports	Sports	✕
Languages	EN	EN/DE/NL/FR/IT/CZ	EN	EN
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS			

HMI

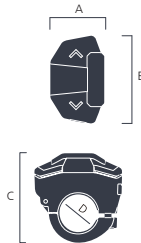
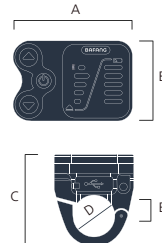
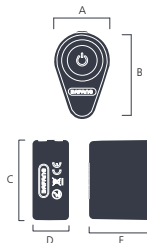


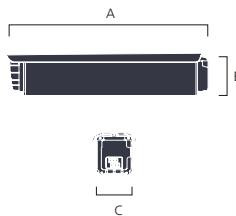
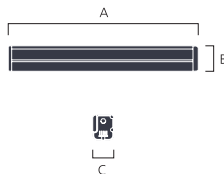
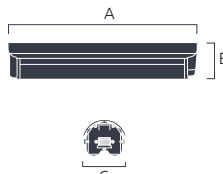
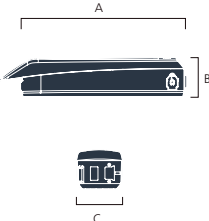
Model No.	DP C230.CAN DP C231.CAN	DP C220.CAN DP C221.CAN	DP C250.CAN DP C251.CAN	DP C10.CAN DP C171.CAN
Dimensions/ Size				
	A (mm)	44	74	58.4
	B (mm)	86	59	98.4
	C (mm)	47	51	67.5
	D (mm)	Ø 22.2	Ø 22.2	Ø 22.2 / 25.4 / 31.8
	E (mm)	29	46	43.6
	F (mm)	37	24	81
	G (mm)	2"	2"	3.6"
Core Data				
Display Type	LCD Matrix	LCD Matrix	LCD Segment	LCD Segment
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48
Support Modes	0-5	0-3 / 0-5 / 0-9	0-5	0-5
Mounting Parameters				
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4
Control Unit Cable (mm)	–	–	300 / 250	300 / 250
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto	Manual	Auto	Auto
Walk Assistance	●	●	●	●
Bluetooth 5.0	✕ ●	✕ ●	✕ ●	✕ ●
USB Charge	5V 500mA	✕	5V 500mA	5V 500mA
Clock	✕	✕	✕	✕
Setting	●	●	●	●
Indications				
Speed	●	●	●	●
Trip Distance	●	●	●	●
Capacity	●	●	●	●
Error Code	●	●	●	●
Power	●	●	●	●
UI Options	✕	✕	✕	✕
Languages	EN	EN	EN	EN
Tests & Certifications				
Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS				

HMI

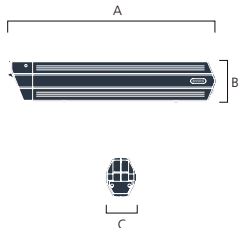
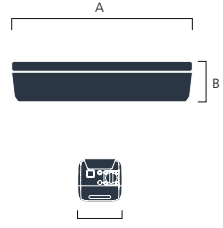
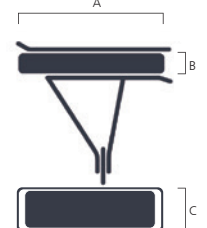


Model No.	DP C07.CAN	DP C360.CAN	DP E162.CAN DP E163.CAN	DP E160.CAN DP E161.CAN
Dimensions/ Size				
	A (mm)	82	71.35	24.5
	B (mm)	94	41.5	24.4
	C (mm)	75	47.4	33
	D (mm)	Ø 22.2 / 25.4 / 31.8	Ø 22.2	–
	E (mm)	52	44	–
	F (mm)	57	28.4	–
	G (mm)	3"	2"	–
Core Data				
Display Type	LCD Segment	LCD Segment	LED	LED
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48
Support Modes	0-5	0-5	0-3	0-5
Mounting Parameters				
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4.2	230 G5.4 / 850 G5.4.2
Control Unit Cable (mm)	300 / 250	–	–	–
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto	Auto	Auto	Auto
Walk Assistance	●	●	●	●
Bluetooth 5.0	✕	✕	✕ ●	✕ ●
USB Charge	✕	✕	✕	✕
Clock	✕	✕	✕	✕
Setting	●	●	✕	✕
Indications				
Speed	●	●	●	●
Trip Distance	●	●	✕	✕
Capacity	●	●	●	●
Error Code	●	●	●	●
Power	✕	✕	✕	✕
UI Options	✕	✕	✕	✕
Languages	EN	EN	–	–
Tests & Certifications				
Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS				

 NEW   NEW				
Model No.	DP E180.CAN DP E181.CAN	DP E08.CAN DP E10.CAN DP E12.CAN	DP E170.CAN DP E171.CAN	
Dimensions/ Size				
	A (mm)	51	63	30
	B (mm)	31.5	42	46
	C (mm)	52.2	45	39.4
	D (mm)	Ø 22.2	Ø 22.2	18
	E (mm)	–	11.1	29.55
Core Data				
Display Type	LED	LED	LED	
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48	
Support Modes	0-5	0-5 / 0-5 / 0-4	1-3	
Mounting Parameters				
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	
Control Unit Cable (mm)	–	–	–	
Functions				
ON/OFF	●	●	●	
Mode	●	●	●	
Light Control	Auto	Auto	Manual	
Walk Assistance	●	●	✕	
Bluetooth 5.0	✕ ●	✕ ✕ ●	✕ ●	
USB Charge	✕	✕ ● ●	✕	
Clock	✕	✕	✕	
Setting	✕	✕	✕	
Indications				
Speed	✕	✕	✕	
Trip Distance	✕	✕	✕	
Capacity	●	●	●	
Error Code	●	●	●	
Power	✕	✕	✕	
UI Options	✕	✕	✕	
Languages	–	–	–	
Tests & Certifications				
Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS				

   NEW 					
Model No.	BT F25.640.C BT F25.820.C	BT F014.410.C	BT F011.410.C BT F012.615.C	BT F07.450.C BT F08.600.C	
Components *					
Charger	2A/3A	2A/3A	2A/3A	2A/3A	
Lock	BAFANG	—	BAFANG	AXA/BAFANG	
Dimensions/ Size					
	A (mm)	442	470	375	334
	B (mm)	91	52	65 , 87	78 , 89
	C (mm)	97	63	76	92
Specifications					
Nominal Voltage (Vdc)	52	43	43	43	
Energy (Wh)	640 , 820	410	410 , 615	450 , 600	
Rated Capacity (Ah)	12.3 , 15.7	9.5	9.5 , 14.3	10.5 , 14	
Com. Protocol	CAN	CAN	CAN	CAN	
Smart BMS	Yes	Yes	Yes	Yes	
Voltage Scope (V)	37.8-58.8	32.4-49.2	32.4-49.2	32.4-49.2	
Charging time	7.5h , 10h with 2A Charger 5.5h , 7h with 3A Charger	6.5h with 2A Charger 4.5h with 3A Charger	6.5h , 9h with 2A Charger 4.5h , 6h with 3A Charger	6.5h , 8.5h with 2A Charger 4.5h , 5.5h with 3A Charger	
Max Continous Discharge Current(A)	23	18	18 , 24	24	
Operation Temperature					
Charge	0 - 45 °C	0 - 45 °C	0 - 45 °C	0 - 45 °C	
Discharge	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	
Storage (At 35% SOC &-10~35 °C)	Max 6 Months	Max 6 Months	Max 6 Months	Max 6 Months	
Matching Parameter					
Weight (kg)	< 4.8	< 2.6	< 2.6 , < 3.5	< 2.8 , < 3.5	
Mounting type	Full Integrated	Intube	Full Integrated	Semi Integrated	
Removing type	Down	Bottom	Up / Down	Side_Left	
Tests & Certifications					
IP X6, CE / UN38.3 / MSDS / 13849 / 15194 / 62133					

BATTERY

			
Model No.	BT F05.200.C	BT F03.450.C BT F04.600.C	BT C01.450.UC BT C01.560.UC BT C01.750.UC
Components *			
Charger	2A/3A	2A/3A	2A/3A
Lock	BAFANG	AXA/BAFANG	AXA/BAFANG
Dimensions/ Size			
	A (mm)	368	334
	B (mm)	75	73 , 89
	C (mm)	53	86
Specifications			
Nominal Voltage (Vdc)	43	43	43
Energy (Wh)	200	450 , 600	450 , 560 , 750
Rated Capacity (Ah)	5	10.5 , 14	10.4 , 13 , 17.5
Com. Protocol	CAN	CAN	CAN & UART
Smart BMS	Yes	Yes	Yes
Voltage Scope (V)	32.4-49.2	32.4-49.2	32.4-49.2
Charging time	3.5h with 2A Charger 2.5h with 3A Charger	6.5h , 8.5h with 2A Charger 4.5h , 5.5h with 3A Charger	6.5h , 8h , 10h with 2A Charger 4.5h , 5h , 6.5h with 3A Charger
Max Continous Discharge Current(A)	8	24	18 , 24 , 24
Operation Temperature			
Charge	0 - 45 °C	0 - 45 °C	0 - 45 °C
Discharge	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Storage (At 35% SOC &-10~35 °C)	Max 3 Months	Max 6 Months	6 Months , 6 Months , 12 Months
Matching Parameter			
Weight (kg)	< 1.6	< 2.8 , < 3.5	< 3.5 , < 4 , < 4
Mounting type	Full Integrated	Full Integrated	Rear Carrier
Removing type	Up	Up / Down	Rear
Tests & Certifications	IP X6, CE / UN38.3 / MSDS / 13849 / 15194 / 62133 / PSE	IP X6, CE / UN38.3 / MSDS / 13849 / 15194 / 62133	IP X6, CE / UN38.3 / MSDS / 13849 / 15194 / 62133

BATTERY

CHARGER

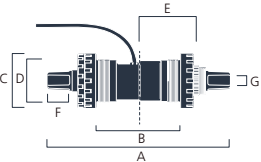
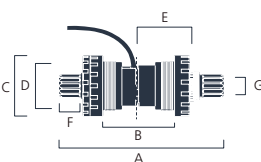
			
Model No.	BC 00201	BC 00301	BC 20301
Core Data			
DC Output	49.2V~2A	49.2V~3A	58.8V~3A
Input Voltage (Vac)	100-240	100-240	100-240
Connector Type (Country)	EU / USA / UK / AUS / JP / CHE	EU / USA / UK / AUS	EU / USA / UK / AUS
Certification	CE / GS / PSE		CE

BATTERY MOUNT

				
Model No.	BM F25	BM F014	BM F011	BM F07
Core Data				
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Suitability	BT F25.640.C BT F25.820.C.	BT F014.410.C	BT F011.410.C BT F012.615.C	BT F07.450.C BT F08.600.C
				
Model No.	BM F05	BM F03	BM C01	
Core Data				
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	
Suitability	BT F05.200.C	BT F03.450.C BT F04.600.C	BT C01.450.UC BT C01.560.UC BT C01.750.UC	

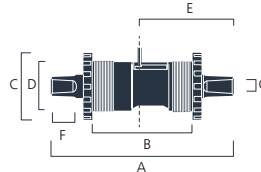
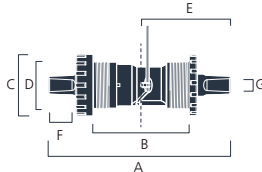
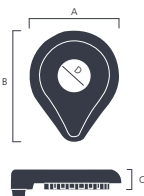
SENSOR



Model No.	SR PA211.32.ST.C SR PA221.32.ST.C SR PA231.32.ST.C SR PA241.32.ST.C SR PA251.32.ST.C SR PA261.32.ST.C	SR PA311.32.ST.C
Dimensions/Size		
A (mm)	148 , 176 , 148 , 160 , 187 , 200	158
B (mm)	68 , 100 , 73 , 84 , 110 , 120	68
C (mm)	2-Ø 44	2-Ø 58
D (mm)	2-BC1.37"*24T	2-M48*P1.5-4h
E (mm)	47.5 , 63.5 , 50 , 55.5 , 68.5 , 73.5	47.5
F (mm)	2-17 , 2-17 , 2-17 , 2-17 , 2-15 , 2-17	2-18
G (mm)	2-M8*P1*25	2-M15*P1*13
Core Data		
Type	Speed & Torque Integrated Sensor	Speed & Torque Integrated Sensor
Signals (Pulses/Cycle)	32	32
Shaft Standard	JIS	BAFANG
Mounting Parameters		
Mounting Position	Bottom Bracket	Bottom Bracket
Cap Material	Aluminum	Aluminum
Cable Length (mm), Connector Type	150 G6.5.5 / 950 G6.5.5	150 G6.5.5 / 950 G6.5.5
Tests & Certifications		
Waterproof: IP X5 Certifications: EN 15194 / EN 14764 / ROHS		

SENSOR



Model No.	SR PA112.32.S SR PA121.32.S SR PA131.32.S SR PA142.32.S	SR PA162.32.S SR PA152.32.S	SR PA051.12.S
Dimensions/Size			
A (mm)	127 , 119 , 124 , 136.5	126 , 130	43.8
B (mm)	68 , 68 , 68 , 73	68	54
C (mm)	2-Ø 44	2-Ø44	9.7
D (mm)	2-BC1.37"*24T	2-BC1.37"*24T	Ø16.2
E (mm)	63.8 , 57.5 , 60.7 , 64.3	65.5 , 66.3	–
F (mm)	2-17	2-17	–
G (mm)	2-M8*P1*25	2-M8*P1*25	–
Core Data			
Type	Speed Sensor	Speed Sensor	Speed Sensor
Signals (Pulses/Cycle)	32	32	12
Shaft Standard	JIS	JIS	–
Mounting Parameters			
Mounting Position	Bottom Bracket	Bottom Bracket	Bottom Bracket Shaft
Cap Material	Plastic	Aluminum	–
Cable Length (mm), Connector Type	150 G6.5.4 / 950 G6.5.4	150 G6.5.4 / 950 G6.5.4	150 G6.5.4 / 950 G6.5.4
Tests & Certifications			
Waterproof: IP X5 Certifications: EN 15194 / EN 14764 / ROHS			

SENSOR



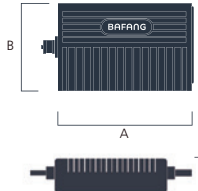
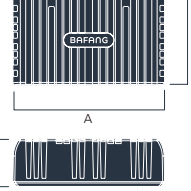
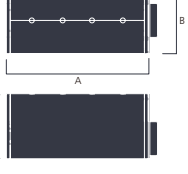
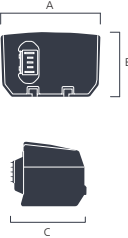
Model No.	SR SD011.01	SR SD021.01	SR SD051.02
Dimensions/ Size			
A (mm)	0-5	10-20	5-20
B (mm)	31-41	5.5	10
C (mm)	32	–	24.8
D (mm)	–	–	22.5
Core Data			
Type	Wheel Speed Sensor	Wheel Speed Sensor	Wheel Speed Sensor
Mounting Parameters			
Mounting Position	Chain Stay & Spoke	Chain Stay & Spoke	Chain Stay & Disc Brake
Cable Length(mm), Connector Type	G4.3	G4.3 / 550 3104A1004	G4.3 / G8.5.3
Tests & Certifications			
Waterproof: IP X5 Certifications: EN 15194 / ROHS			

CONTROLLER



Model No.	CR S107.1000.FC	CR S106.500.FC	CR S105.250.FC	CR S101.1000.FC
Dimensions/ Size				
A (mm)	152	112.8	78	162
B (mm)	53	52	52	52
C (mm)	33	30.7	29	44
Core Data				
Nominal Voltage (Vdc)	36/43/48, 48/52, 48/52	36/43/48, 36/43/48	36/43/48	36/43/48, 48/52, 48/52
Low Voltage Protection (Vdc)	32/38/41, 41/44, 41/44	32/38/41, 32/38/41	32/38/41	32/38/41, 41/44, 41/44
Current Limit (A)	25/22/20, 25/21, 30/28	18/15/14, 25/22/20	15/13/12	25/22/20, 25/21, 30/28
Rated Power (W)	500, 750, 1000	350, 500	250	500, 750, 1000
Mounting Parameters				
Com. Protocol	CAN	CAN	CAN	CAN
E-Brake Level	Yes	Yes	Yes	Yes
Further Specifications				
Bluetooth	No	No	No	No
Walk Assistance (km/h)	4.5	4.5	4.5	4.5
Light Drive Capacity (Vdc/W)	12/6(max) 6/3(max)	12/6(max) 6/3(max)	12/6(max) 6/3(max)	12/6(max) 6/3(max)
Tests & Certifications				
Waterproof: IP X5 Certifications: CE / EN 15194 / ROHS				

CONTROLLER

    NEW				
Model No.	CR S10F.350.FC	CR S10R.250.FC	CR X10T.250.FC	CR X10S.500.FC
Dimensions/ Size				
				
A (mm)	83	79.5	87	90
B (mm)	54	46	42	58
C (mm)	28	25	43	65
Core Data				
Nominal Voltage (Vdc)	36/43/48, 36/43/48	36/43/48	36/43/48	43
Low Voltage Protection (Vdc)	32/38/41, 32/38/41	32/38/41	32/38/41	38
Current Limit (A)	15/13/12, 18/15/14	15/13/12	15/13/12	13 , 15 , 20
Rated Power (W)	250, 350	250	250	250, 350, 500
Mounting Parameters				
Com. Protocol	CAN	CAN	CAN	CAN
E-Brake Level	Yes	Yes	Yes	Yes
Further Specifications				
Bluetooth	No	No	No / Yes	No
Walk Assistance (km/h)	4.5	4.5	4.5	4.5
Light Drive Capacity (Vdc/W)	12/6(max) 6/3(max)	12/6(max) 6/3(max)	12/6(max) 6/3(max)	12/6(max) 6/3(max)
Tests & Certifications				
		Waterproof: IP X5 Certifications: CE / EN 15194 / ROHS		

CONNECTOR

MOTOR CONNECTOR

   				
Model No.	M9.1	G9.1	M9.12	G9.12
Core Data				
Connector Size (mm)	Max Ø 13*50	Max Ø 10*46	Max Ø 14*54	Max Ø 14*47
Color	Black	Black	Black	Black
Signals	9 pins	9 pins	9 pins	9 pins
Suitability	Motor Cable (Female)	Motor Cable (Male)	Motor Cable (Female)	Motor Cable (Male)
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS			
   				
Model No.	M9.14	G9.14	M11.6	G11.6
Core Data				
Connector Size (mm)	Max Ø 13*53	Max Ø 10*48	Max Ø 18*54	Max Ø 20*57
Color	Black	Black	Black	Black
Signals	9 pins	9 pins	11 pins	11 pins
Suitability	Motor Cable (Female)	Motor Cable (Male)	Motor Cable (Female)	Motor Cable (Male)
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS			

SIGNAL CONNECTOR

   				
Model No.	M5.4	G5.4	M3.10	G3.10
Core Data				
Connector Size (mm)	30*9*9 (L*W*H)	32*9*9 (L*W*H)	Max Ø 9.5*34	Max Ø 9.3*34
Color	Green	Green	Yellow	Yellow
Signals	5 pins	5 pins	3 pins	3 pins
Suitability	Display cable (Female)	Display cable (Male)	Brake/Throttle (Female)	Brake/Throttle (Male)
Tests & Certifications				
		Waterproof: IP X5 Certifications: ROHS		

CONNECTOR

SIGNAL CONNECTOR

				
Model No.	M4.3	G4.3	3203A1004	3103A1004
Core Data				
Connector Size (mm)	30*7.3*7.3 (L*W*H)	32*7.3*7.3 (L*W*H)	17*7*9 (L*W*H)	26*9*9 (L*W*H)
Color	Blue	Blue	White	White
Signals	4 pins	4 pins	3 pins	3 pins
Suitability	Sensor cable (Female)	Sensor cable (Male)	Sensor cable (Female)	Sensor cable (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

				
Model No.	M6.5	G6.5	M6.5.3	G6.5.3
Core Data				
Connector Size (mm)	30*8.7*8.7 (L*W*H)	32*8.7*8.7 (L*W*H)	26*8.7*8.7 (L*W*H)	32*8.7*8.7 (L*W*H)
Color	Purple	Purple	Purple	Purple
Signals	6 pins	6 pins	6 pins	6 pins
Suitability	Sensor cable (Female)	Sensor cable (Male)	Sensor / EB-BUS (Female)	Sensor / EB-BUS (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

				
Model No.	M2.5	G2.5	3202A1006	3102A1006
Core Data				
Connector Size (mm)	Max Ø 9.5*34	Max Ø 9.3*34	17*7*7 (L*W*H)	26*7*7 (L*W*H)
Color	Red	Red	Blue	Blue
Signals	2 pins	2 pins	2 pins	2 pins
Suitability	Light Cable (Female)	Light Cable (Male)	Light Cable (Female)	Light Cable (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

CONNECTOR

SIGNAL CONNECTOR

		
Model No.	7015-BS-2	7015-BS-2
Core Data		
Connector Size (mm)	17*8*3 (L*W*H)	17*8*3 (L*W*H)
Color	Black & White	Black & Red
Signals	2 pins	2 pins
Suitability	Light cable	Light cable
Tests & Certifications	Waterproof: IP X5	Certifications: ROHS

EB-BUS CONNECTOR

				
Model No.	M8.5	G8.5	M8.5.3	G8.5.3
Core Data				
Connector Size (mm)	30*8.7*8.7 (L*W*H)	32*8.7*8.7 (L*W*H)	26*8.7*8.7 (L*W*H)	28*8.7*8.7 (L*W*H)
Color	Black	Black	Black	Black
Signals	8 pins	8 pins	8 pins	8 pins
Suitability	EB-BUS cable (Female)	EB-BUS cable (Male)	EB-BUS cable (Female)	EB-BUS cable (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

			
Model No.	3208A1004	3108A1004	BF 1T2/1T3/1T4
Core Data			
Connector Size (mm)	17*11*11 (L*W*H)	26*12*11 (L*W*H)	Max Ø 13*45
Color	White	White	–
Signals	8 pins	8 pins	–
Suitability	EB-BUS cable (Female)	EB-BUS cable (Male)	EB-BUS cable
Tests & Certifications	Waterproof: IP X5 Certifications: ROHS		

CONNECTOR

BATTERY CONNECTOR

				
Model No.	M6.6	G6.6	DJ211-4.5 / DJ221-4.5	BMC15-Red / BMC15-Black
Core Data				
Connector Size (mm)	33*9*9 (L*W*H)	33*9*9 (L*W*H)	Max Ø 13*30	25*8*9 (L*W*H)
Color	Black	Black	Black & Red	Black & Red
Signals	6 pins	6 pins	2 pins	2 pins
Suitability	Battery & Communication (Female)	Battery & Communication (Male)	Battery Cable	Battery Cable
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

				
Model No.	XT60U-F	XT60U-M	XT90H-F	XT90H-M
Core Data				
Connector Size (mm)	18*16*9 (L*W*H)	18*16*9 (L*W*H)	31*22*11 (L*W*H)	30*22*11 (L*W*H)
Color	Yellow	Yellow	Yellow	Yellow
Signals	2 pins	2 pins	2 pins	2 pins
Suitability	Battery Cable (Female)	Battery cable (Male)	Battery Cable (Female)	Battery cable (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

				
Model No.	M3.12	G3.12	3204A1002	3104A1002
Core Data				
Connector Size (mm)	30*8.5*8.5 (L*W*H)	32*8.5*8.5 (L*W*H)	17*11*7 (L*W*H)	26*11*9 (L*W*H)
Color	Yellow	Yellow	Black	Black
Signals	3 pins	3 pins	4 pins	4 pins
Suitability	Battery Communication (Female)	Battery Communication/ Throttle (Male)	Battery Communication (Female)	Battery Communication (Male)
Tests & Certifications	Waterproof: IP X5		Certifications: ROHS	

ACCESSORIES

CHAINWHEEL

				
Model No.	CW A1.01(X/XX")XX	CW B1.21(X/XX")XX	CW B1.11(X/XX")XX	CW B1.91(X/XX")38
Core Data				
Suitability	M315/M215	M400/M300/M200	M400/M300/M200	M400
Teeth Number(XX)	44T , 46T , 48T , 52T	38T , 44T	38T , 44T	38T
Chain Line	50	49 / 49 / 50	45 / 45 / 46	75
Thickness(X/XX")	3/32"	3/32" , 11/128"	1/8" , 3/32" , 11/128"	3/32" , 11/128"
Spider Style	/	4 (φ 104)	4 (φ 104)	4 (φ 104)

				
Model No.	CW B1.A1(X/XX")38	CW D1.61(X/XX")46	CW D1.71(X/XX")XX	CW E1.D1(X/XX")XX
Core Data				
Suitability	M400/M300/M200	M615	M615	M620
Teeth Number(XX)	38T	46T	42T, 44T	40T, 42T, 44T, 52T
Chain Line	48 / 48 / 49	50(68) , 52.5(73) , 61(90) , 66(100) , 71(110) , 76(120)	60(68), 62.5(73), 71(90), 76(100), 81(110), 86(120)	70
Thickness(X/XX")	1/8" , 3/32" , 11/128"	3/32"	Narrow Wide System	Narrow Wide System
Spider Style	/	/	5 (φ 130)	5 (φ 130)

				
Model No.	CW E1.E1(X/XX")XX	CW E1.I1(X/XX")XX	CW E1.I2(X/XX")38	CW E1.J1(X/XX")44
Core Data				
Suitability	M620	M500/M600	M500/M600	M800
Teeth Number(XX)	40T, 42T, 44T, 52T	32T, 40T	38T	44T
Chain Line	48	53	52	45.5
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	Narrow Wide System	Narrow Wide System
Spider Style	5 (φ 130)	4 (φ 104)	4 (φ 104)	4 (φ 110)

Explanation: CW A1.01(X/XX") XX | X/XX": Thickness | XX: Teeth Number

ACCESSORIES

CHAINWHEEL



Model No.	CW E2.K1(X/XX")XX	CW E1.L1(X/XX")38	CW E1.M1(X/XX")38	CW E1.N1(X/XX")38
Core Data				
Suitability	M800	M420	M420	M420
Teeth Number(XX)	34-50T	38T	38T	38T
Chain Line	43.5	48	45	49
Thickness(X/XX")	11/128"	1/8" , 3/32" , 11/128"	1/8" , 3/32" , 11/128"	3/32" , 11/128"
Spider Style	4 (♂ 110)	/	4 (♂ 104)	4 (♂ 104)



Model No.	CW C1.B1(X/XX")XX	CW C1.31(X/XX")XX	CW C1.51(X/XX")XX	CW C3.41(X/XX")XX
Core Data				
Suitability	SR PA3XX.32.ST.C	SR PA2XX.32.ST.C	SR PA2XX.32.ST.C	SR PA2XX.32.ST.C
Teeth Number(XX)	34T, 36T, 38T, 42T, 44T, 48T	34T, 36T, 38T, 42T, 44T, 48T	48T , 50T , 52T	44-32-22T
Chain Line	47.5(68) , 63.5(100) , 50(73) , 55.5(84), 68.5(110),73.5(120)	47.5(68), 63.5(100), 50(73), 55.5(84), 68.5(110),73.5(120)	47.5(68), 63.5(100)	55.5 / 48 / 40(68) , 71.5 / 64 / 56(100)
Thickness(X/XX")	1/8" , 3/32" , 11/128"	1/8" , 3/32" , 11/128"	1/8" , 3/32" , 11/128"	3/32" , 11/128"
Spider Style	4 (♂ 104)	4 (♂ 104)	5 (♂ 130)	4 (♂ 64) , 4 (♂ 104)

FIXATION BRACKET



Model No.	MM G310.0108	MM G310.0108A
Core Data		
Suitability	M615/M315/M215	M615/M315/M215

ACCESSORIES

CRANK



Model No.	CK A01.170	CK A05.170	CK B11.170	CK A04.170
Core Data				
Suitability	M400/M300/M200/M615/ M315/M215/M410/M445	M400/M300/M200	M620	M400/M200



Model No.	CK C13.170	CK B12.170	CK C15.170
Core Data			
Suitability	M600/M420/M510	M620	M800

THROTTLE



Model No.	TR B01.R.T
Mounting Parameters	
Type	Thumb, Right
Holder (mm)	Ø 22.2
Cable Length (mm), Connection Type	200 M3.10
Tests & Certifications	
Waterproof	IP X5
Certifications	Reach / ROHS

E-BRAKE



Model No.	BR G03.M
Mounting Parameters	
Type	Mechanical Switch
Holder (mm)	Ø 22.2
Cable Length (mm), Connection Type	250 G3.10
Tests & Certifications	
Waterproof	IP X5
Certifications	Reach / ROHS

ACCESSORIES

CHAINCASE BRACKET



Model No.	CC B1.135°	CC B1.240°	CC B2.240°	CC B3.240°
Dimensions				
Core Data				
Ø 1 (mm)	62	66	66	60.5
Ø 2 (mm)	74	74	74	68.5
Ø 3 (mm)	90	87	100	100
Suitability	M400/M200	M400/M200	M400/M200	M300



Model No.	CC B4.240°	CC B5.240°	CC B6.240°
Dimensions			
Core Data			
Ø 1 (mm)	60.5	60.5	60.5
Ø 2 (mm)	68.5	71	71
Ø 3 (mm)	87	87	100
Suitability	M300	M420	M420

ACCESSORIES

MOTOR COVER



Model No.	AC M01	AC M02	AC M03	AC M04
Core Data				
Material	PC	PC	PC	PC
Suitability	M400	M600/M510 (FP G520A)	M600 (FP G520B)	M510 (FP G522B)
Color	Black / Silver Gray	Black	Black	Black



Model No.	AC M05	AC M06	AC M07	AC M08
Core Data				
Material	PC	PC	PC	PC
Suitability	M800_left cover	M800_right cover	M300	M620
Color	Black / Orange	Black / Orange	Black	Black



Model No.	AC M09	AC M10	AC M11
Core Data			
Material	PC	PC	PC
Suitability	M420	M200	M410
Color	Black / Silver Gray	Black	Black

ACCESSORIES

FIXATION PARTS

				
Model No.	FP G330	FP G340 FP G320	FP G510	FP G360
Core Data				
Suitability	M400	M615(68)/M315/M215 (68/73/83/90/100/110/120)	M620	M300/M420

				
Model No.	FP G520A	FP G520B	FP G530	FP G210
Core Data				
Suitability	M600/M510/M410	M600/M510/M410	M800	M200

BASH GUARD

			
Model No.	BG G520A	BG G520B	BG G333
Core Data			
Material	PC	PC	PC
Suitability	M600/M510 (FP G520A)	M600/M510 (FP G520B)	M410
Color	Black	Black	Black

Please note: Specifications are subject to change without prior notice.
Product-specific data available on request.

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Main Data

Main Menu

Vitality Data

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